

The following claims are presented for examination:

**1. (previously presented)** A drug delivery device comprising:  
a drug;  
a wire mesh intravascular stent having a blood-contacting surface; and  
a stent insert comprising a helical formation, made from a polymer, on the blood  
contacting surface, the helical formation comprising at least one fin and having a helix angle  
of between 8° and 20° and being capable of inducing helical flow of blood flowing past the  
helical formation, and the drug being releasably associated with the helical formation of the  
stent insert.

**2. (currently amended) [[A]] The** drug delivery device according to claim 1  
wherein the drug is mixed into the polymer from which the helical formation is made.

**3. (currently amended) [[A]] The** drug delivery device according to claim 1  
wherein the drug is coated onto the surface of the helical formation.

**Claims 4-16 (cancelled)**

**17. (currently amended) [[A]] The** drug delivery device according to claim 1  
wherein the polymer is a polymer foam.

**18. (currently amended) [[A]] The** drug delivery device according to claim 1  
wherein the polymer is selected from the group consisting of: polyamide, polyester, and  
polyurethane.

**19. (currently amended) [[A]] The** drug delivery device according to claim 1  
wherein the drug is bound onto the cellular structure of the polymer.

**20. (currently amended) [[A]] The** drug delivery device according to claim 1  
wherein the drug is selected from the group consisting of: an anticoagulant, an antiplatelet  
agent, an angiogenesis inhibitor, a cyclooxygenase inhibitor, a gene therapy agent, and a  
mixture of two or more of said drugs.

**21. (currently amended) [[A]] The** drug delivery device according to claim 1  
wherein the intravascular stent **insert** is a stent graft.

**22. (currently amended) [[A]] The** drug delivery device according to claim 1 wherein the drug delivery device further comprises a sleeve positioned surrounding and/or within the intravascular stent.

**23. (currently amended) [[A]] The** drug delivery device according to claim 22 wherein the sleeve is made from expanded PTFE.

**24. (cancelled)**

**25. (currently amended) [[A]] The** drug delivery device according to claim 1 wherein at least one further drug is provided releasably associated with the helical formation.

**Claims 26 and 27. (cancelled)**

**28. (currently amended) [[A]] The** drug delivery device according to claim 1 wherein the at least one fin has the shape of a right-angle triangle in cross-section.

**29. (currently amended) [[A]] The** drug delivery device according to claim 1 wherein the at least one fin has the shape of an isosceles triangle in cross-section.

**30. (currently amended) [[A]] The** drug delivery device according to claim 1 where the at least one fin has the shape of a bell in cross-section.

**Claims 31 and 32. (cancelled)**